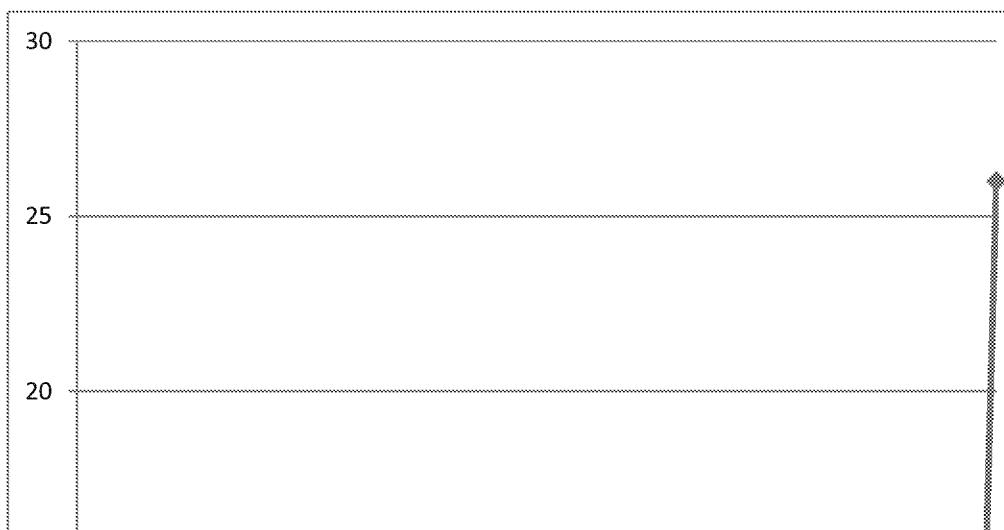


Sample Datetime			Specif- ic water, fltrd, Pt-Co ft3/s	Hydro- gen ion, water, unfltrd 25 degC	pH, water, unfltrd mg/L	ANC, wat unf Carbon dioxide units	Bicar- bonate, fixed end pt, field, mg/L as CaCO3	Carbon- ate, fixed end pt, field, mg/L	Nitrate water, fltrd, mg/L as N		
	Discharge	Color units	Spec Cond tance, wat unf uS/cm @ 25 degC								
4/26/1958	WS	12	110	43	0.0004	6.4	10	13	16	0	0.8
5/21/1958	WS	11	125	47	0.0003	6.6	6.8	14	17	0	0.3
6/25/1958	WS	22	200	38	0.0005	6.3	11	11	14	0	0.5
6/4/1959	WS		170	37	0.0013	5.9	26	11	13	0	1
8/4/1959	WS	3.1	280	51				20	24	0	1.6
8/26/1959	WS	18	160	57	0.0004	6.4	13	16	20	0	0.8
9/4/1959	WS	313	300	41	0.001	6	22	11	14	0	3.8
7/6/1960	WS	8.6	232	43	0.0008	6.1	21		16	0	0.452
7/28/1960	WS	27		41							
8/10/1960	WS		336	44	0.0003	6.5	9.2		18	0	0.429
9/30/1960	WS		110	70	0.0003	6.5	18		35	0	0.339
10/29/1960	WS	4.4	90	67	0.0003	6.6	10	21	25	0	1.5
11/16/1960	WS	8.9	100	59	0.0003	6.6	9.6	20	24	0	1.3
12/22/1960	WS	0.85	65	119	8E-05	7.1	7.6	49	60	0	0.9
1/23/1961	WS	0.37	45	118	0.0002	6.8	17	55	67	0	1.2
2/11/1961	WS										
2/21/1961	WS	0.54	45	114	0.0001	6.9	13	52	64	0	0.9
5/11/1961	WS	43	90	37	0.0006	6.2	8.1	7	8	0	1.1
5/23/1961	WS	61		39							
6/21/1961	WS	5	65	62	0.0002	6.7	9.6	25	30	0	1.1
7/17/1961	WS	1.3	38	93	8E-05	7.1	6.6	43	52	0	0.6
8/14/1961	WS	0.38	90	103	5E-05	7.3	4.7	48	58	0	0.6
9/13/1961	WS	23	160	76	0.0002	6.7	4.2	11	13	0	1.8
Average			29.7								

Noncarb											
Nitrate water unfltrd mg/L as N	Hard- ness, water, mg/L as CaCO <sub>3</sub>	hard-				Sodium					
		ness, wat unf mg/L as CaCO <sub>3</sub>	Calcium water, fltrd, mg/L	Magnes- ium, water, fltrd, mg/L	Sodium, water, fltrd, mg/L	Sodium adsorp- tion ratio	frac- tion of cations percent	Potas- sium, water, fltrd, mg/L	Chlor- ide, water, fltrd, mg/L	Sulfate water, fltrd, mg/L	Fluor- ide, water, fltrd, mg/L
0.181	17	4	3.6	1.9	1.5	0.2	15	0.8	0.5	7.5	0.2
0.068	19	5	5.1	1.5	1.7	0.2	16	0.6	1	7.8	0.1
0.113	19	8	5	1.6	1.4	0.1	14	0.2	0.2	9.5	0.1
0.226	17	6	3.7	1.9	1.4	0.1	15	0.1	0.1	8.3	0.2
0.361	26	6	6	2.7	1.5	0.1	11	0.2	0.1	9.5	0.2
0.181	26	10	6.4	2.4	1.4	0.1	10	0.4	0.1	10	0.3
0.858	22	11	5.5	2	1.7	0.2	14	0.4	0	12	0.2
	20	7	4.9	1.9	1.9	0.2	17	0.6	0.1	11	0
	23	8	5.2	2.4	1.4	0.1	11	0.6	0.1	9.3	0.1
	32	3	11	1.1	2	0.2	12	1	0	7.8	0.1
0.339	26	5	6.3	2.5	2	0.2	14	1	0	9.3	0.1
0.294	24	4	7.3	1.4	2	0.2	14	1.4	0	7.3	0.1
0.203	54	5	18	2.2	3.2	0.2	11	1.2	0.2	10	0.1
0.271	54	0	16	3.4	2.8	0.2	10	1.8	0	5.5	0.1
0.203	50	0	15	3.1	3.1	0.2	11	2.3	0	2	0.1
0.248	13	6	3.2	1.2	1.3	0.2	16	1.5	0.1	6	0.1
0.248	28	3	7.9	2	2.6	0.2	16	0.8	0	7.3	0.2
0.136	41	0	11	3.3	2.7	0.2	12	1.1	0	1.8	0.3
0.136	45	0	13	3.1	3.4	0.2	14	1.2	0	2.8	0.2
0.407	35	24	9.2	2.9	2.7	0.2	14	1	0	26	0.4
									average	8.535	
									median	8.05	



Silica, water, mg/L as	Boron, water, fltrd,	Boron, water, recover fltrd,	Boron, water, -able, fltrd,	Dis- charge, m3/s	Dis- charge, instant- aneous	Dis- charge, m3/s	Dissolved solids dried @ 180degC	Dis- solved solids, sum of constitu- tuents, mg/L	Dis- solved solids, water, ton/d	Dis- solved solids, water, tons/ acre-ft	Nitrate water, unfltrd mg/L	Nitrate water, fltrd, mg/L	Manga- nese, water, unfltrd ug/L
SiO <sub>2</sub>	ug/L	ug/L	ug/L	m <sup>3</sup> /s	m <sup>3</sup> /s	m <sup>3</sup> /s	mg/L	mg/L	ton/d	acre-ft	mg/L	mg/L	ug/L
3.5	50			0.34	0.34	0.34	55	31	1.78	0.07	0.8	3.5	
2.2				0.31	0.31	0.31	54	30	1.6	0.07	0.3	1.3	
3				0.62	0.62	0.62	70	30	4.16	0.1	0.5	2.2	
1.6							71	28		0.1	1	4.4	0
7.6				0.09	0.09	0.09	94	47	0.79	0.13	1.6	7.1	
11				0.52	0.52	0.52	89	45	4.45	0.12	0.8	3.5	
9.4				8.9	8.9	8.9	115	55	97.2	0.16	3.8	17	0
5.4				0.24			75	36		0.1		2	
						0.76							
10							102	40		0.14		1.9	0
12	10						75	54		0.1		1.5	
11	30	30	0.12	0.12	0.12	0.12	67	51	0.79	0.09	1.5	6.6	
11	50	50	0.25	0.25	0.25	0.25	74	48	1.79	0.1	1.3	5.8	
24	120	120	0.02	0.02	0.02	0.02	113	93	0.26	0.15	0.9	4	
22	20	20	0.01	0.01	0.01	0.01	101	90	0.1	0.14	1.2	5.3	
21	10	10	0.02	0.01	0.01	0.01	95	82	0.14	0.13	0.9	4	
3.6	70	70	1.2	1.2	1.2	1.2	56	26	6.5	0.08	1.1	4.9	50
						1.7							
5.6	70	70	0.14	0.14	0.14	0.14	91	46	1.23	0.12	1.1	4.9	
11	20	20	0.04	0.04	0.04	0.04	68	59	0.25	0.09	0.6	2.7	
8.5	20	20	0.01	0.01	0.01	0.01	79	63	0.08	0.11	0.6	2.7	
11	20	20	0.66	0.66	0.66	0.66	111	68	7.02	0.15	1.8	8	

Iron,  
water,  
unfltrd  
ug/L

780

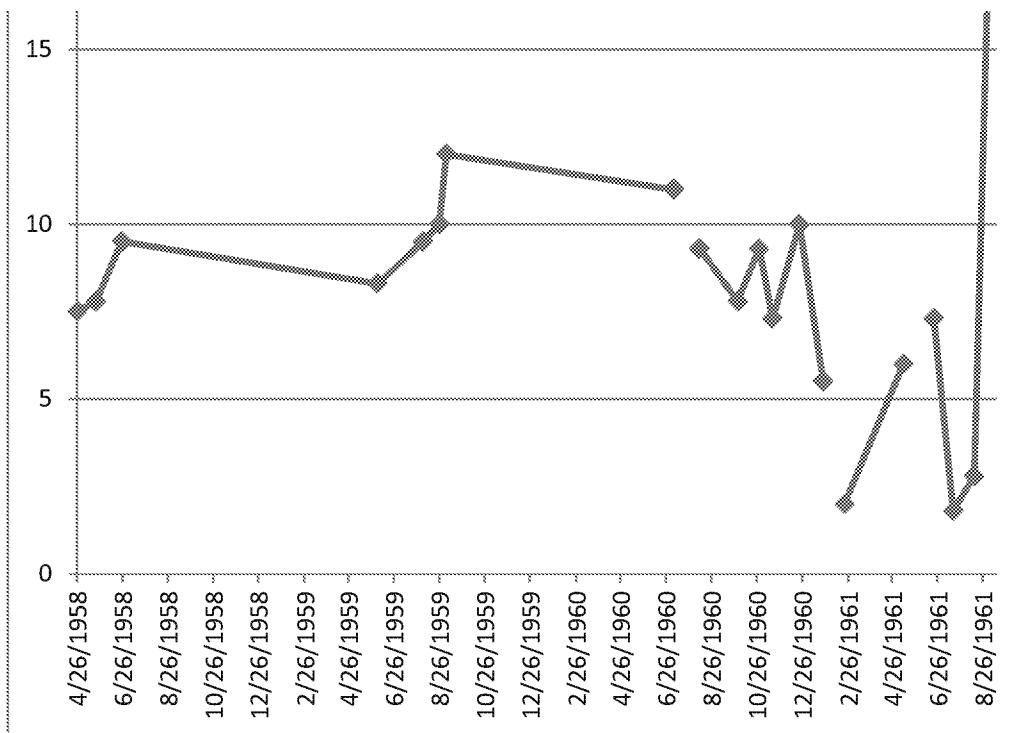
1400  
520

1100  
1900  
1500  
1700  
1900  
1500  
1300

370

2200  
1700  
590  
1300









Sample  
Datetime

	Discharge	Discharge	Sulfate	Sulfate
	ft <sup>3</sup> /s	MGD	mg/L	kg/day
4/26/1958	12	7.76	7.5	225.4
5/21/1958	11	7.11	7.8	214.9
6/25/1958	22	14.22	9.5	523.4
8/4/1959	3.1	2.00	9.5	73.8
8/26/1959	18	11.63	10	450.8
9/4/1959	313	202.28	12	9406.2
7/6/1960	8.6	5.56	11	236.9
10/29/1960	4.4	2.84	9.3	102.5
11/16/1960	8.9	5.75	7.3	162.7
12/22/1960	0.85	0.55	10	21.3
1/23/1961	0.37	0.24	5.5	5.1
2/21/1961	0.54	0.35	2	2.7
5/11/1961	43	27.79	6	646.1
6/21/1961	5	3.23	7.3	91.4
7/17/1961	1.3	0.84	1.8	5.9
8/14/1961	0.38	0.25	2.8	2.7
9/13/1961	23	14.86	26	1497.6
Average	28.0	18.1	8.5	804.1
Median	8.6	5.6	7.8	162.7